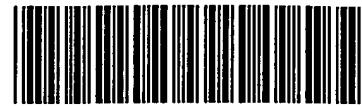# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/538,590_
Source: _____
Date Processed by STIC: _____

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RAW SEQUENCE LISTING   DATE: 02/15/2007
PATENT APPLICATION: US/10/538,590   TIME: 16:39:10

Input Set : E:\CL2272 Sequence Listing.txt
Output Set: N:\CRF4\02132007\J538590.raw

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        3 <110> APPLICANT: Ebersole, Richard C.
        4         Schwartz, Linda J.
        5         Jackson, Raymond E.
        7 <120> TITLE OF INVENTION: SEQUENCES DIAGNOSTIC FOR FOOT AND MOUTH DISEASE
        9 <130> FILE REFERENCE: CL2272
C-->   11 <140> CURRENT APPLICATION NUMBER: US/10/538,590
C-->   11 <141> CURRENT FILING DATE: 2005-06-15
       11 <150> PRIOR APPLICATION NUMBER: 60/434,974
       12 <151> PRIOR FILING DATE: 2002-12-20
       14 <160> NUMBER OF SEQ ID NOS: 21
       16 <170> SOFTWARE: Patent In version 3.2
       18 <210> SEQ ID NO: 1
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       20 <212> TYPE: DNA
       21 <213> ORGANISM: Artificial Sequence
       23 <220> FEATURE:
       24 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
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       34 <212> TYPE: DNA
       35 <213> ORGANISM: Artificial Sequence
       37 <220> FEATURE:
       38 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
       40 <400> SEQUENCE: 2
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       43 tctgacgtta ggtcaaattt ttcc                                          84
       46 <210> SEQ ID NO: 3
       47 <211> LENGTH: 87
       48 <212> TYPE: DNA
       49 <213> ORGANISM: Artificial Sequence
       51 <220> FEATURE:
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76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
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90 <212> TYPE: DNA
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93 <220> FEATURE:
94 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
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99 cccgtcttca gtttcggg                                                   78
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105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
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117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
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131 <220> FEATURE:
132 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
134 <400> SEQUENCE: 9
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145 <220> FEATURE:
146 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
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155 <211> LENGTH: 83
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
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165 agggtttggc ctcatcgaga ccg                                              83
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173 <220> FEATURE:
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185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Linker for construction of synthetic FMD DNA
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191 aattcccgaa actgaagacg ggggccggta cgtgaaagag actggagagc gagc            54
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195 <211> LENGTH: 32
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199 <220> FEATURE:
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207 <211> LENGTH: 33
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Primer Amplicon 3'
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215 gaattcccga aactgaagac gggggccggt acg                                   33
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RAW SEQUENCE LISTING   DATE: 02/15/2007
PATENT APPLICATION: **US/10/538,590**   TIME: 16:39:10

Input Set : **E:\CL2272 Sequence Listing.txt**
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218 <210> SEQ ID NO: 16
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226 <400> SEQUENCE: 16
227 gagtccaacc ctgggccctt cttcttc                                    27
230 <210> SEQ ID NO: 17
231 <211> LENGTH: 23
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Primer P33-4, which binds to 4086-4108 bp of
GenBank AF308157
238 <400> SEQUENCE: 17
239 atgagcttgt accagggttt ggc                                        23
242 <210> SEQ ID NO: 18
243 <211> LENGTH: 29
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Primer P33+, which binds to 4083-4111 bp of
GenBank AF308157
250 <400> SEQUENCE: 18
251 ttgatgagct tgtaccaggg tttggcctc                                  29
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255 <211> LENGTH: 30
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Primer LJS1, which binds to 4460-4489 bp of
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262 <400> SEQUENCE: 19
263 tctgaggcga tccatgcctt aatccagtcg                                 30
266 <210> SEQ ID NO: 20
267 <211> LENGTH: 25
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Primer LJS2, which binds to 4317-4341 bp of
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280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Synthetic FMD target
286 <400> SEQUENCE: 21
287 gcggccgcgc ccccggccac ttttggccat tcacccgagc gaagctagac acaaacaaaa  60
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289 gattgtggca ccggtgaaac agcttttgag ctttgacctg ctcaagttgg caggggacgt   120

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291 cgagtccaac cctgggcctt tcttcttctc tgacgttagg tcaaattttt ccaagttggt    180
293 tgaaaccatc aaccagatgc aggaggacat gtcaacaaaa cacggacccg actttaaccg    240
295 gttggtgtct gcatttgagg aactggccac cggagtgaag gctatcagga ccggtctcga    300
297 tgaggccaaa ccctggtaca agctcatcaa gctcttgagc cgcctgtcat gtatggccgc    360
299 tgtagcagca cggtcaaagg acccagtcct tgtggccatc atgctggctg acaccggcct    420
301 tgagattctg gacagtacct ttgtcgtgaa gaagatctcc gactcgctct ccagtctctt    480
303 tcacgtaccg gcccccgtct tcagtttcgg gaattc                             516
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VERIFICATION SUMMARY   DATE: 02/15/2007
PATENT APPLICATION: **US/10/538,590**   TIME: 16:39:11

Input Set : **E:\CL2272 Sequence Listing.txt**
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date